

Patent No. 6,702,877
Request for Cert. of Correction dated July 1, 2004
Attorney Docket No. 0702-012058

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent No. : 6,702,877 B1 Confirmation No. 5516

Inventor(s) : Rombout Adriaan SWANBORN

Issued : March 9, 2004

Title : Device for Separating A Mixture Of Gas
With Liquid And/Or Solid Material

Examiner : Robert A. Hopkins

Customer No. : 28289

Certificate
JUL 08 2004
of Correction

REQUEST FOR CERTIFICATE OF CORRECTION OF PATENT
FOR PTO MISTAKE (37 C.F.R. 1.322(a))

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

ATTENTION: Decision and Certificate of Correction Branch
Patent Issue Division

Sir:

In accordance with 35 U.S.C. §254, we attach hereto Form PTO/SB/44 and a copy of proof of PTO error(s) and request that a Certificate of Correction be issued in the above-identified patent. The following errors appear in the patent as printed:

Title Page,
[22] **PCT Filed**, "May 6, 2000" should read --June 5, 2000--.
(See Published Application)
Patent Office Error

Title Page,
[54] **Title**, "APPARATUS AND METHOD FOR PROCESSING OF A MIXTURE OF GAS WITH LIQUID AND/OR SOLID MATERIAL" should read
--DEVICE FOR SEPARATING A MIXTURE OF GAS WITH LIQUID AND/OR SOLID MATERIAL--.
(See Preliminary Amendment dated 12/4/04, Page 1)
Patent Office Error

JUL 09 2004

Column 1.

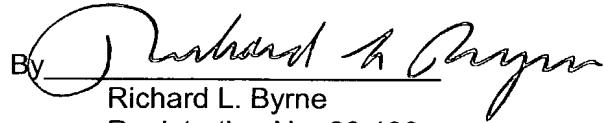
Line 1, "APPARATUS AND METHOD FOR PROCESSING OF A MIXTURE OF GAS WITH LIQUID AND/OR SOLID MATERIAL" should read
--DEVICE FOR SEPARATING A MIXTURE OF GAS WITH LIQUID AND/OR SOLID MATERIAL--.

(See Preliminary Amendment dated 12/4/04, Page 1)
Patent Office Error

Respectfully submitted,

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By



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**UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION**

PATENT NO. **6,702,877 B1**

DATED **March 9, 2004**

INVENTOR(S) **Rombout Adriaan Swanborn**

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title Page, [22] PCT Filed, "May 6, 2000" should read --June 5, 2000--
(See Published Application)
Patent Office Error

Title Page, [54] Title, "APPARATUS AND METHOD FOR PROCESSING OF A MIXTURE OF GAS WITH LIQUID AND/OR SOLID MATERIAL" should read
--DEVICE FOR SEPARATING A MIXTURE OF GAS WITH LIQUID AND/OR SOLID MATERIAL--
(See Preliminary Amendment dated 12/4/04, Page 1)
Patent Office Error

Column 1, Line 1, "APPARATUS AND METHOD FOR PROCESSING OF A MIXTURE OF GAS WITH LIQUID AND/OR SOLID MATERIAL" should read
--DEVICE FOR SEPARATING A MIXTURE OF GAS WITH LIQUID AND/OR SOLID MATERIAL--
(See Preliminary Amendment dated 12/4/04, Page 1)
Patent Office Error

{W0129150.1}

MAILING ADDRESS OF SENDER:

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PATENT NO. **6,702,877 B1**

No. of additional copies



This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

JUL 09 2004



PATENT APPLICATION/PCT
Attorney's Docket No. 702-012058

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of :
Rombout Adriaan SWANBORN : **DEVICE FOR SEPARATING A
MIXTURE OF GAS WITH LIQUID
AND/OR SOLID MATERIAL**
International Application :
No. PCT/NL00/00382 :
International Filing Date :
05 June 2000 :
Priority Date Claimed :
04 June 1999 :
Serial No. Not Yet Assigned :
Filed Concurrently Herewith :
Pittsburgh, Pennsylvania
December 4, 2001

PRELIMINARY AMENDMENT

BOX PCT
Commissioner for Patents
Washington DC 20231

Sir:

Prior to initial examination, please amend the above-identified patent application as follows:

IN THE SPECIFICATION:

On page 1 of the specification, amend the title to read as follows:

DEVICE FOR SEPARATING A MIXTURE OF GAS
WITH LIQUID AND/OR SOLID MATERIAL

**On page 1 of the specification after the title and before the first paragraph,
please insert the following section headings:**

BACKGROUND OF THE INVENTION

1. **Field of the Invention**

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
14 December 2000 (14.12.2000)

PCT

(10) International Publication Number
WO 00/74815 A3

(51) International Patent Classification⁷: **B01D 45/16, B04C 5/181, 5/12**
(74) Agent: LAND, Addick, Adrianus, Gosling, Arnold & Siedsma, Sweelinckplein 1, NL-2517 GK The Hague (NL).

(21) International Application Number: **PCT/NL00/00382**

(81) Designated States (*national*): AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.

(22) International Filing Date: **5 June 2000 (05.06.2000)**

(25) Filing Language: **Dutch**

(26) Publication Language: **English**

(30) Priority Data:
1012245 **4 June 1999 (04.06.1999) NL**

(84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

(71) Applicants (*for all designated States except US*):
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Published:

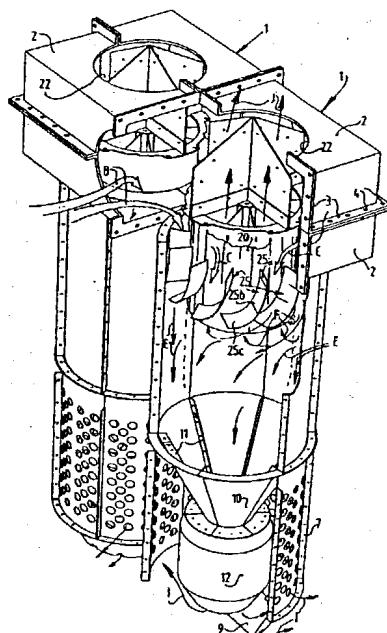
With international search report.

(71) Applicant and
(72) Inventor: SWANBORN, Rombout, Adriaan [NL/NL]; Kemperbergerweg 39, NL-6816 RN Arnhem (NL).

(88) Date of publication of the international search report:
12 April 2001

[Continued on next page]

(54) Title: DEVICE FOR SEPARATING A MIXTURE OF GAS WITH LIQUID AND/OR SOLID MATERIAL



(57) Abstract: A device for separating a mixture of gas with liquid and/or solids, which comprises a gravity separation vessel and processing vessel which can be mounted in the gravity separation vessel. The processing vessel comprises a flow body (20) which is provided with one or more swirl elements (25) which set the feed mixture into rotation. The processing vessel also comprises a resistance element (12) which is positioned between an outlet for the heavier fraction of the mixture and the flow body. The processing vessel may also comprise counterswirl elements which are positioned in the discharge channel for the lighter fraction of the mixture.

WO 00/74815 A3